



D/DBP AWOP
CERTIFICATION
CRITERIA:

- ◆ Surface Water or GWUDI Treatment Plant
- ◆ Meet all D/DBP Optimization Goals for the calendar year
- ◆ No D/DBP violations for the calendar year

GOLD SEAL
RECOGNITION:

- ◆ Consecutive systems in compliance with the Stage 2 DBP Rule.

D/DBP AWOP
CHAMPION AWARD
CRITERIA:

- ◆ Meet D/DBP optimization criteria for 3 consecutive years
- ◆ No SDWA violations (M/R or TT) for the 3 year evaluation timeframe
- ◆ No exclusion of systems based on prior receipt of the D/DBP Champion Award

DISINFECTANTS AND DISINFECTION BYPRODUCTS AREA-WIDE OPTIMIZATION PROGRAM

For a water system to be recognized, the system must:

- 1) Submit a letter of commitment outlining system goals to DWCTA and post system goals at the facility.
- 2) Submit supporting documentation to appropriate DWCTA contact.

SURFACE WATER & GWUDI TREATMENT PLANT

Parameters	Goal	Sample Location	Assessment Timeframe	Minimum Sampling Frequency
CFE TOC	≤ 1.70 mg/L	CFE	Monthly	Monthly
TOC Performance Ratio	≥ 1.0	Raw/CFE	Monthly	Monthly
TTHM Plant Tap	≤ 30 ppb	Plant Tap	4 Quarters Running Annual Average	Quarterly
HAA5 Plant Tap	≤ 20 ppb	Plant Tap	4 Quarters Running Annual Average	Quarterly
CT	Meet CT requirements	Multiple Zones	Daily	Daily

TREATMENT PLANTS THAT UTILIZE CHLORAMINE

Parameters	Goal	Sample Location	Assessment Timeframe	Minimum Sampling Frequency
Free Ammonia	≤ 1.10 mg/L as NH ₃ -N	Plant Tap	Daily	Daily
Chlorine-to-Nitrogen or Chlorine-to-Ammonia Mass Ratio	4.5:1 & 5.0:1 or 3.7:1 & 4.1:1	Plant Tap	Daily	Daily

DISTRIBUTION SYSTEM

Parameters	Goal	Sample Location	Assessment Timeframe	Minimum Sampling Frequency
TTHM Individual Site LRAA	≤ 70 ppb	All Stage 2 Compliance Locations	4 Quarters Locational Running Annual Average	Quarterly
HAA5 Individual Site LRAA	≤ 50 ppb	All Stage 2 Compliance Locations	4 Quarters Locational Running Annual Average	Quarterly
TTHM Long Term	≤ 60 ppb	All Stage 2 Compliance Locations	8 Quarters Average Maximum Locational Running Annual Average	Quarterly
HAA5 Long Term	≤ 40 ppb	All Stage 2 Compliance Locations	8 Quarters Average Maximum Locational Running Annual Average	Quarterly
Free Chlorine (Free Chlorine Systems Only)	≥ 0.2 mg/L	Minimum of N,S,E, & W representative areas of the system	Daily	Daily
Monochloramine (Chloramine Systems Only)	≥ 1.5 mg/L	Minimum of 4 critical sites representative of N, S, E, & W areas of the system	Monthly	Monthly



SPECIAL POINTS OF
INTEREST:

- ◆ Optimization strives for excellence beyond regulatory requirements
- ◆ Optimization provides a safety factor for achieving compliance
- ◆ Optimization provides increased public health protection
- ◆ Optimization focuses on improving operation of existing facilities without making expensive capital improvements

DISTRIBUTION
SYSTEM GOALS
CALCULATION:

- ◆ The Individual Site Goal is an average of the most recent 4 quarters of compliance data at each site (LRAA).
- ◆ The Long Term Goal is an average of the maximum quarterly LRAA of all sites for 8 consecutive quarters.

Contacts:

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